

Message Text

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ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 FSE-00 COME-00 DOE-15
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FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 2422
NASA WASHDC

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NASA FOR TERRELL

E.O. 11652: N/A

TAGS: TSPA

SUBJECT: US-USSR SPACE AGREEMENT: SPACE METEOROLOGY
(04.01)

REF: STATE 110787

1. ON JUNE 1 EMBASSY RECEIVED A LETTER FROM ALEKSANDROV
FOR GREENWOOD, CONCERNING ROCKET INTERCOMPARISON TEST
CONDUCTED OFF WALLOPS ISLAND IN AUGUST 1977. INFORMAL
EMBASSY TRANSLATION FOLLOWS PARA 2 BELOW. ORIGINAL
POUCHED TO NASA FOR TERRELL REGISTRY NUMBER 3584699.

2. DEAR DR. GREENWOOD:

IN RESPONSE TO YOUR TELEGRAM OF APRIL 27 AND 28 I INFORM
YOU OF THE FOLLOWING:

I. AS THE SOVIET CO-CHAIRMAN OF THE WORKING GROUP ON SPAC
METEOROLOGY, IN A TELEGRAM DATED JANUARY 4, 1978 TO
DR. TEPPER, I APPROVED THE PRELIMINARY ACCOUNT OF THE
COMPARISON ON THE WALLOPS ISLAND, CARRIED OUT IN AUGUST
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1977. IF YOU HAVE NOT RECEIVED THIS TELEGRAM PLEASE
CONSIDER THE PRESENT TELEGRAM AS THE CONFIRMATION OF
MY APPROVAL OF THE ACCOUNT.
2. WE HAVE SENT YOU COMPARATIVE DATA ON "MIOOB" ROCKETS
IN TWO VARIANTS. THE FIRST (A STANDARD VARIANT) CONFORMS
WITH THE DATA PROCESSING PROCEDURE AT USSR STATIONS
AND HAS LOWER HEIGHT RESOLUTION OF TEMPERATURE DATA AS

COMPARED WITH THAT OF SUPER-LOKI-DATASOUND. THE SECOND METHOD OF PROCESSING USED BY THE RESEARCH SHIP "ACADEMIK KOROLYEV" TAKES INTO ACCOUNT CHARACTERISTICS OF THE NEW PARACHUTE AND HAS RESOLUTION OF TEMPERATURE DATA SIMILAR TO THAT OF THE DATASOUND. THIS METHOD IS USED ON AN EXPERIMENTAL BASIS FOR THE TIME BEING AND WILL BE USED BY THE STATIONS AFTER INTRODUCTION OF THE NEW PARACHUTE SYSTEM. AT PRESENT NEW TYPES OF THERMOMETERS ARE BEING USED BY THE STATIONS, ABOUT WHICH WE INFORMED YOU IN THE TELEGRAM CONTAINING CODED DATA.

3. I AGREE WITH YOU THAT THE FINAL REPORT ON THE COMPARISON SHOULD BE DISCUSSED AT THE COSPAR MEETING. HOWEVER, I AM AFRAID THAT FOR LACK OF TIME WE SHALL NOT BE ABLE TO CLEAN UP THE REASONS FOR THE REMAINING DIFFERENCES IN THE TEMPERATURE DATA. AFTER THE MEETING IN JUNE IT WOULD BE DESIRABLE THAT A MEETING OF SOVIET AND AMERICAN SPECIALISTS WORKING ON DEVELOPMENT OF DATA CORRECTION METHODS BE ORGANIZED FOR THE PURPOSE OF ANALYZING SOURCES OF TEMPERATURE DIFFERENCES. I HOPE THAT MORE DETAILED DISCUSSION OF THESE PROBLEMS MAY BE CONDUCTED DURING OUR MEETING IN INNSBRUCK.

4. IN THE COURSE OF THE COMPARISON EXPERIMENTS DR. IVANOVSKIY PASSED SAMPLES OF SOVIET COMPUTER PROCESSED DATA OVER TO DR. SHMIDLIN INCLUDING PRINTED DATA,
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ALTERATIONS AND DIAGRAMS. PRACTICALLY NO CHANGES HAVE BEEN INTRODUCED DURING THE DATA ANALYSIS AND AT PRESENT THESE DATA MAY BE USED BY YOUR SPECIALISTS.

SINCERELY, L. A. ALEKSANDROV. MATLOCK

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